AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1.   (Currently amended) A computer-implemented method comprising:

parsing a plurality of paragraphs in a plurality of <u>computer</u> documents <u>stored on</u>

<u>a computer-readable medium,</u> each document with one or more of the

paragraphs;

selecting paragraphs from the documents through a subsuming relation

calculation including,

creating a link from terms in each paragraph to identical terms in

substantially all of the other paragraphs, wherein terms include noun

phrases, verb phrases or entity names,

counting for each paragraph the number of links from the terms in the

paragraph to the terms in other paragraphs,

denoting for each paragraph the number of links counted for that paragraph

as the significant score of that paragraph,

ranking the paragraphs by the significant score,

selecting paragraphs based on <u>the</u> ranking, <u>wherein paragraphs in the</u>

<u>ranking that subsume the highest number of other paragraphs are</u>

<u>selected prior to other paragraphs in the ranking;</u> [[and]]

aggregating the selected paragraphs into a summary[[.]]<u> and</u>

<u>outputting the summary.</u>

2.   (Original) The method of claim 1 wherein parsing further comprises:

        extracting noun phrases and verb phrases from the documents;

        categorizing the noun phrases that are entity names; and

        converting the entity names into canonical form.

3.   (Canceled)

4.   (Previously presented) The method of claim 1 further comprising:

        applying a co-reference resolution algorithm to the selected paragraphs; and

        replacing pronouns in the selected paragraphs with their full entity name

        antecedents.

5.   (Original) The method of claim 1 wherein the documents have a common topic

independent of domain.

6.   (Original) The method of claim 1 wherein the documents are composed in English or

in a language other than English.

7.   (Currently amended) A ~~tangible machine-readable~~ <u>computer-readable</u> medium

having stored thereon sequences of instructions which are executable by a processor, and

which, when executed by the processor, cause ~~the system to perform a method~~ <u>the</u>

<u>processor to perform operations</u> comprising:

        parsing a plurality of paragraphs in a plurality of <u>computer</u> documents, each

        document with one or more of the paragraphs;

        selecting paragraphs from the documents through a subsuming relation

        calculation including,

creating a link from terms in each paragraph to identical terms in

substantially all of the other paragraphs, wherein terms include noun

phrases, verb phrases or entity names,

counting for each paragraph the number of links from the terms in the

paragraph to the terms in other paragraphs,

denoting for each paragraph the number of links counted for that paragraph

as the significant score of that paragraph,

ranking the paragraphs by the significant score,

selecting paragraphs based on the ranking, wherein paragraphs in the

ranking that subsume the highest number of other paragraphs are

selected prior to other paragraphs in the ranking;[[and]]

aggregating the selected paragraphs into a summary[[.]] and

outputting the summary.

8.   (Original) The medium of claim 7 wherein parsing further comprises:

extracting noun phrases and verb phrases from the documents;

categorizing the noun phrases that are entity names; and

converting the entity names into canonical form.

9.   (Cancelled)

10. (Currently amended) The medium of claim 7 further comprising instructions for:

applying a co-reference resolution algorithm to the selected paragraphs; and

replacing pronouns in the selected paragraphs with their full entity name

antecedents.

Attorney Docket No.: 42P9659   -4-
Application No.: 10/018,517

11. (Original) The medium of claim 7 wherein the documents have a common topic independent of domain.

12. (Original) The medium of claim 7 wherein the documents are composed in English or in a language other than English.

13. (Currently amended) [[An]] A system comprising:

a processor;

a bus coupled to the processor; and

a unit coupled to the bus to

parse a plurality of paragraphs in a plurality of computer documents, each document [[with]] including one or more of the paragraphs,

select paragraphs from the documents through a subsuming relation calculation including,

creating a link from terms in each paragraph to identical terms in substantially all of the other paragraphs, wherein terms include noun phrases, verb phrases or entity names,

counting for each paragraph the number of links from the terms in the paragraph to the terms in other paragraphs,

denoting for each paragraph the number of links counted for that paragraph as the significant score of that paragraph,

ranking the paragraphs by the significant score,

selecting paragraphs based on the ranking, wherein paragraphs in the ranking that subsume the highest number of other paragraphs are selected prior to other paragraphs in the ranking; [[and]]

aggregate the selected paragraphs into a summary[[.]]; and

Attorney Docket No.: 42P9659   –5–
Application No.: 10/018,517

<u>outputting the summary.</u>

14. (Original) The system of claim 13 wherein the unit further extracts noun phrases and verb phrases from the documents, categorizes the noun phrases that are entity names, and converts the entity names into canonical form.

15. (Cancelled)

16. (Previously presented) The system of claim 13 wherein the unit further applies a co-reference resolution algorithm to the paragraphs, and replaces pronouns in the paragraphs with their full entity name antecedents.

17. (Original) The system of claim 13 wherein the documents have a common topic independent of domain.

18. (Original) The system of claim 13 wherein the documents are composed in English or in a language other than English.

Please add the following new claims:

19. (New) The method of claim 1, wherein a first paragraph subsumes a second paragraph if all noun phrases, verb phrases, and entity names contained in the second paragraph are also contained in the first paragraph.

20. (New) The medium of claim 7, wherein a first paragraph subsumes a second paragraph if all noun phrases, verb phrases, and entity names contained in the second paragraph are also contained in the first paragraph.

21. (New) The system of claim 13, wherein a first paragraph subsumes a second paragraph if all noun phrases, verb phrases, and entity names contained in the second paragraph are also contained in the first paragraph.